

CLAIMS

1. A light guide plate measurement apparatus, comprising:

a setting frame;

a light source fixing device, comprising a space for receiving a light source and a shaft; and

a controlling device disposed on the setting frame for moving a light guide plate to be tested;

wherein the light source fixing device connects with the setting frame through the shaft, and can rotate about the shaft.

2. The light guide plate measurement apparatus as claimed in claim 1, wherein the controlling device comprises a first axis adjustment device and a second axis adjustment device.

3. The light guide plate measurement apparatus as claimed in claim 2, wherein the first axis adjustment device comprises a first arm, the second axis adjustment device comprises a second arm, the arms are perpendicular to each other, and each of the arms has a bulge at one end thereof.

4. The light guide plate measurement apparatus as claimed in claim 3, wherein the setting frame comprises side walls and a cavity defined by the sidewalls, for placement therein of a light guide plate to be tested.

5. The light guide plate measurement apparatus as claimed in claim 4, wherein the first arm and the second arm are disposed through corresponding sidewalls and in the cavity, for moving of the light guide plate to be tested via the bulges of the arms.

6. The light guide plate measurement apparatus as claimed in claim 1, further

comprising a base plate for placement of the light guide plate thereon.

7. The light guide plate measurement apparatus as claimed in claim 6, wherein the controlling device comprises a first axis adjustment device and a second axis adjustment device.

8. The light guide plate measurement apparatus as claimed in claim 7, wherein the first axis adjustment device comprises a first arm, the second axis adjustment device comprises a second arm, and the arms are perpendicular to each other.

9. The light guide plate measurement apparatus as claimed in claim 8, wherein the setting frame comprises sidewalls and a cavity defined by the sidewalls.

10. The light guide plate measurement apparatus as claimed in claim 9, wherein the first arm and the second arm are disposed through corresponding sidewalls and in the cavity for moving of the base plate.

11. The light guide plate measurement apparatus as claimed in claim 10, wherein the base plate defines two grooves at two adjacent sides thereof, the arms each comprise a bulge, and the bulges are received in the grooves respectively.

12. The light guide plate measurement apparatus as claimed in claim 1, wherein the controlling device comprises a first axis adjustment device, a second axis adjustment device and a third adjustment device.

13. The light guide plate measurement apparatus as claimed in claim 12, wherein the first axis adjustment device comprises a first arm, the second axis adjustment device comprises a second arm, the third adjustment device comprises a third arm opposite to the second arm, the first arm is perpendicular to the other two arms, and each of the arms has a bulge at one end thereof.

14. The light guide plate measurement apparatus as claimed in claim 13, wherein

the setting frame comprises side walls and a cavity defined by the sidewalls, for placement therein of a light guide plate to be tested.

15. The light guide plate measurement apparatus as claimed in claim 14, wherein the arms are disposed through corresponding sidewalls and in the cavity, for positioning of the light guide plate to be tested via the bulges of the arms.

16. A light guide plate measurement apparatus assembly comprising:

a setting frame defining a cavity therein;

a light source located on one side of the set frame;

the setting frame being equipped with a controlling device and said controlling device adjustably locating a moveable base plate relative to the light source along at least one direction; wherein

said light source is moveable relative to the setting frame so as to be changeable with regard to a light guide plate which is adapted to be seated upon the base plate.

17. The light guide plate measuring apparatus assembly as claimed in claim 16, wherein said light source is rotatable along an axis which is essentially parallel to a plane defined by said movable base plate.

18. A light guide plate measurement apparatus assembly comprising:

a setting frame defining a cavity therein;

a light source located on one side of the set frame;

the setting frame being equipped with a controlling device and said controlling device adjustably locating a moveable base plate relative to the light source along at least two dimensions which together define a plane; wherein

said light source defines an opening from which light emits, and said opening essentially extends along an axis which is parallel to said plane.